WMP-IFT-928 - Application No. 10/666,221
Response to Office action November 7, 2006
Response submitted April 6, 2007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended). A digital signal transfer method, which comprises:

providing a first transfer channel <u>with a first magnetic coupling element</u> and a second transfer channel <u>with a second magnetic coupling element</u>;

transferring an announcement signal including at least one pulse via the first transfer channel;

transferring a data signal, via the second transfer channel, within a data signal time window lasting for a prescribed period after the announcement signal<u>; and</u>

<u>accepting, at a receiver end, only those signal pulses as data signal that are</u> <u>received within the data signal time window</u>.

Claim 2 (currently amended). The signal transfer method according to claim 1, which further comprises configuring the data signal time window to start after a nonzero time period ~~after~~ <u>has elapsed following</u> the announcement signal.

Claim 3-4 (canceled).

Claim 5 (original). The signal transfer method according to claim 1, which further comprises providing a further transfer channel for transferring control information.

Claim 6 (currently amended). The signal transfer method according to claim 5, which further comprises providing wherein the control information with comprises at least one of a parity check signal and/or and a transfer stop signal.

Claim 7 (original). The signal transfer method according to claim 1, which further comprises performing the step of transferring the data signal such that the data signal is transferred in coded form.

Claim 8 (original). The signal transfer method according to claim 1, which further comprises transferring an input signal having a first signal level or a second signal level by transferring announcement signals at regular intervals of time and transferring respective pulse trains representing the first signal level or the second signal level during data signal time windows following the announcement signals.

Claim 9 (original). The signal transfer method according to claim 1, which further comprises transferring an input signal having a first signal level or a second signal level by transferring announcement signals upon every level change in the input signal and transferring respective pulse trains representing the first signal level or the second signal level during data signal time windows following the announcement signals.

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Claim 10 (original). The method according to claim 9, which further comprises additionally transferring announcement signals at regular intervals of time and transferring respective pulse trains representing the first signal level or the second signal level during data signal time windows following the announcement signals.

Claim 11 (currently amended). A digital signal transfer method, which comprises:

providing a transfer channel with a magnetic coupling element;

transferring an announcement signal including at least one pulse via the transfer channel; and

transferring a data signal via the transfer channel within a data signal time window lasting for a prescribed period after the announcement signal; and

accepting, at a receiver, only those signal pulses as the data signal that are received at the receiver within the data signal time window.